UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	2470-105A	*Total Pages*	
First Named Inventor or Application Identifier			
Richard FERNANDES			
Express Mail Label No.			

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: **Assistant Commissioner of Patents**
Box Patent Application
Washington, D.C. 20231

1. [X] Fee Transmittal Form
   (Submit an original, and a duplicate for fee processing)
2. [X] Specification Total pages [20]
   (preferred arrangement set forth below)
   - Descriptive title of the invention
   - Cross references to Related Applications
   - Statement Regarding Fed sponsored R&D
   - Reference to Microfiche Appendix
   - Background of the Invention
   - Brief Summary of the Invention
   - Brief Description of the Drawings
   - Detailed Description
   - Claims
   - Abstract of the Disclosure
3. [X] Drawing(s) (35 USC 113) (Total Sheets) [4]
4. [X] Oath or Declaration (Total Pages) [3]
   a. [X] Newly executed (original or copy)
   b. [ ] Copy from a prior application (37 CFR 1.63(d)
   (for continuation/divisional with Box 17 completed)
   [Note Box 5 below]
   i [ ] DELETION OF INVENTOR(S)
   Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
5. [ ] Incorporation by Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. [ ] Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
   a. [ ] Computer Readable Copy
   b. [ ] Paper Copy (identical to computer copy)
   c. [ ] Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. [X] Assignment Papers (cover sheet & document(s))
9. [ ] 37 CFR 3.73(b) Statement
   (when there is an assignee)
   [ ] Power of Attorney
10. [ ] English Translation Document *(if applicable)*
11. [ ] Information Disclosure Statement /PTO 1449
    [ ] Copies of IDS Citations
12. [ ] Preliminary Amendment
13. [X] Return Receipt Postcard (MPEP 503)
    (Should be specifically itemized)
14. [X] Small Entity Statement(s)
    [ ] Statement Filed in prior application, Status still proper and desired
15. [ ] Certified Copy of Priority Document(s).
    (if foreign priority is claimed)
16. [ ] Other:

17. If a CONTINUING APPLICATION, *check appropriate box and supply the requisite information:*

[ ] Continuation [ ] Divisional [ ] Continuation-in-part (CIP) of prior application No.:

18. CORRESPONDENCE ADDRESS

[ ] Customer Number or Bar Code Label or [X] Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name	Vincent M. DeLuca, Reg. No. 32,408				
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Country	U.S.A.	*Telephone*	202-783-6040	*Fax*	202-783-6031

Applicant or Patentee: Richard Fernandes
Serial or Patent No.: _____ Attorney's Docket No. 2470-105
Filed or Issued: _____
For: COMPUTER-IMPLEMENTED APPARATUS AND METHOD FOR GENERATING A TAILORED PROMOTION

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) and 1.27(c)) - SMALL BUSINESS CONCERN

I hereby declare that I am

[ ] the owner of the small business concern identified below:
[X] an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF CONCERN webloyalty.com
ADDRESS OF CONCERN 101 Merritt 7, 5th Floor, Norwalk, Connecticut 06851

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled COMPUTER-IMPLEMENTED APPARATUS AND METHOD FOR GENERATING A TAILORED PROMOTION by inventor(s) Richard Fernandes described in

[X] the specification filed herewith
[ ] application serial no. _____, filed _____
[ ] patent no. _____, issued _____

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e). *NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

NAME _____

ADDRESS _____

[ ] INDIVIDUAL [ ] SMALL BUSINESS CONCERN [ ] NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any application issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Richard Fernandes

TITLE OF PERSON OTHER THAN OWNER CEO,

ADDRESS OF PERSON SIGNING 101 Merritt 7, Fifth Floor, Norwalk, CT 06851

weslogicity.com

SIGNATURE _____ Date 2/25/00

2470-105
VMD:glj

COMPUTER-IMPLEMENTED APPARATUS AND METHOD FOR GENERATING A TAILORED PROMOTION

BACKGROUND OF THE INVENTION

1. Field of the Invention

The present invention relates generally to a tailored promotion presented to a prospective customer, and more particularly to a tailored promotion presented to a prospective customer at an electronic commerce site.

2. Description of the Background Art

Electronic commerce is the transaction of commerce through an electronic medium, such as a distributed communication network. A common such network is the Internet, but may also include other common digital and computer networks such as a local area network (LAN), wide-area network (WAN), or a virtual private network (VPN), for example. As the most widespread and popular distributed communication network, the Internet will be used in all further discussion.

The Internet has become very popular for electronic commerce, with merchants electronically advertising and selling a wide variety of goods and services. The Internet has also proven to be a valuable tool for advertising and for building name or brand recognition, and therefore for establishing or increasing market share.

Current statistics show that electronic commerce is growing at a very rapid pace, and appears to be on track to achieve a

respectable share of the total market in goods and services. Current estimates are that over 70 million Americans have Internet access, with this number projected to soon reach about 150 million. As a result, Internet advertising revenues reached $1.92 billion in 1998, and are expected to continue growing at a substantial rate.

Several traditional marketing approaches exist. In one traditional approach, a merchant may simply display goods and services on an electronic commerce site and simply wait for prospective customers to happen across the site.

Another traditional approach is the marketing promotion. Traditional marketing promotions generally operate on an assembly line approach. They generate a one-size-fits-all advertising theme and campaign, and aim the message at a large pool of prospective customers. The traditional approach works on the theory that if enough people receive the message, an acceptable percentage will be receptive and purchase the advertised goods and services. This is reflected on the Internet by so-called banner ads, that typically reside on a website and are displayed to all viewers of the website.

The assembly line approach works, but is not terribly efficient. First, by broadcasting a message to all available recipients, the traditional approach risks offending prospective customers by subjecting them to advertising campaigns on a large number of items they are not interested in. Second, by simply cranking out a uniform message to a large mass, the traditional

approach is distracted from and overlooks smaller groups of likely and receptive prospects. Third, the assembly line approach may involve extra cost in targeting and reaching large numbers of unreceptive persons.

There remains a need in the art, therefore, for improvements in electronic commerce to present a tailored promotion to a visitor to an electronic commerce site.

SUMMARY OF THE INVENTION

A computer-implemented electronic commerce apparatus for generating a tailored promotion to a consumer over a distributed communication network is provided according to a first aspect of the invention. The electronic commerce apparatus comprises a connection to the distributed communication network and a consumer information storage, the consumer information storage including a consumer identifier storage, at least one site identifier, and including for each site a consumer identifier activity information pertaining to visited websites, wherein the electronic commerce apparatus receives the activity information, stores the activity information in the consumer information storage, and uses the activity information to create a tailored promotion and to present the tailored promotion to the consumer upon the consumer's visit to a second or subsequent website.

A computer-implemented electronic commerce method for generating a tailored promotion to a consumer over a distributed communication network is provided according to a second aspect of the invention. The electronic commerce method comprises the

steps of obtaining an activity information of a consumer when the consumer visits a first website, storing consumer preference information contained in the activity information, receiving a consumer web request for a second website, creating a tailored promotion for the consumer from the preference information, and presenting the tailored promotion to the consumer at the second website.

A computer-implemented electronic commerce method for generating a tailored promotion to a consumer over a distributed communication network is provided according to a third aspect of the invention. The electronic commerce method comprises the steps of storing a consumer identifier contained in an activity information of the consumer, storing a website identifier for each website stored in the activity information, storing a web pages visited information, if any, for each website, storing a products reviewed information, if any, for each website, storing a purchases made information, if any, for each website, receiving a consumer web request for a second website, creating a tailored promotion for the consumer from the preference information, and presenting the tailored promotion to the consumer at the second website.

The above and other features and advantages of the present invention will be further understood from the following description of the preferred embodiment thereof, taken in conjunction with the accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 shows a cookie file of a type commonly created and used by an Internet browser;

FIGS 2A-2D show basic operations in the creation and maintenance of a cookie file;

FIG. 3 shows a computer-implemented electronic commerce apparatus 300 of the present invention;

FIG. 4 shows a flowchart of a first embodiment of a method of the present invention; and

FIG. 5 shows a flowchart of a second embodiment of the method of the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

FIG. 1 shows a cookie file 101 of a type commonly created and used by an Internet browser. Users on the Internet typically use a browser to move between websites on the World Wide Web. A browser is simply a software package that interfaces with the Internet to send and receive data and to allow users to easily move between websites. When a user wants to go to a certain website, he or she merely enters an address or clicks on a link. A web request is transmitted to the specified website, and the website responds by transmitting back the data that forms the specified website page (i.e., web page) on the requester's computer.

A cookie file is a file on a user's computer that can be used by visited websites (i.e., requested websites) to store information on the user's computer. Each website that a user

visits may therefore install data on the user's computer in the cookie file. The user does not see this transaction and does not know it is occurring. A website typically stores preference information in the cookie file, including particular user settings or configurations, registration information and passwords (if used or required by a website), on-line shopping cart data, activity information about the user's activities on the website, etc. A cookie file is therefore used by a website to store information about the user for future reference. Not only that, but a website may extract further information such as buying habits and preferences for certain goods and services.

FIGS 2A-2D show basic operations in the creation and maintenance of a cookie file. In FIG. 2A, a consumer sends a web request to a first website. This may be done on typical browsers by entering a website address or by clicking on a link. A message is thereby sent to the first website, requesting a data transfer of information at the specified address and web page.

In FIG. 2B the first website transmits a response. The response may include an entry to be inserted into the cookie file on the consumer's computer (however, not all websites do so). The consumer does not see this transaction and does not participate in any way.

In FIG. 2C, when the consumer visits a second website, the second website may also request the cookie file.

In FIG. 2D, the second website may update the cookie file on the consumer's computer by placing a new entry (or updating an

existing one) in the cookie file. Of course, the first website may also update its own previous entry or may add new entries. In this manner, any website visited by the consumer may store information for future use by the website.

FIG. 3 shows a computer-implemented electronic commerce apparatus 300 of the present invention. The apparatus 300 is connected to a distributed communications network, such as the Internet 303. The Internet 303 may be additionally connected to any number of websites, such as a first website 306 and a second website 307, and may be connected to any number of consumers 309. The apparatus 300 may therefore communicate with other users and other computers connected to the Internet 303.

The computer-implemented electronic commerce apparatus 300 may include a consumer information storage 315, a database of subscribers 325, and a database of promotions 327. The consumer information storage 315 may include, for each consumer stored on the electronic commerce apparatus 300, a consumer identifier storage 316, a site visited identifier 317, a site pages visited storage 318, a products reviewed storage 319, and a purchases made storage 320, zip code or other address information,

The consumer information storage 315 contains one or more entries, corresponding to one or more consumers. The consumer information storage 315 may be constructed to expand greatly to accommodate new entries as more consumer preference information is gathered. One complete entry is shown for the purpose of illustration.

The consumer identifier storage 316 may contain an identifier unique to each consumer stored on the electronic commerce apparatus 300. The identifier may be assigned, or may be an identifier that was given by the website that created the original cookie file entry.

The site visited identifier 317 may be an identifier given to each visited website. Each consumer may have multiple site visited identifiers 317 reflecting all sites visited by the particular consumer.

The site pages visited storage 318 may record all web pages on a website that have been visited by the particular consumer. The site pages visited storage 318 may also include information such as a number of repeat visits, dwell time on each page, etc.

The products reviewed storage 319 may contain information on offered goods and services reviewed by the consumer. If the consumer has been looking around at information on new car models, for example, that information may be present in the products reviewed storage 319 and could be used to infer that the consumer is interested in buying a new car.

The purchases made storage 320 may contain information on goods and services purchase by the consumer. This information likewise may be used to tailor a promotion to a consumer.

The database of subscribers 325 may contain all subscribers for whom the electronic commerce apparatus 300 may create a tailored promotion. A subscriber may retain the electronic commerce apparatus 300 to generate and present promotions to

visitors to the subscriber's website, with such a promotion targeted to the particular consumer's likes and needs. Therefore, a subscriber may more efficiently employ promotions, and may increase sales, as visitors to the subscriber's website may only receive promotions that are tailored to his or her desires and needs.

The database of promotions 327 may contain all goods and services which a particular subscriber offers. The database of promotions 327 may therefore be used to tailor a promotion to each visitor to a website of a particular subscriber.

FIG. 4 shows a flowchart 400 of a first embodiment of a method of the present invention. In step 402, a consumer web request is received at a first website. The first website may or may not be participating in a tailored promotion with the electronic commerce apparatus 300.

In step 405, in response to the consumer's web request, the first website retrieves the consumer's cookie file from the consumer's computer.

In step 407, the first website stores the preference information received from the consumer's computer.

In step 410, the electronic commerce apparatus 300 detects a consumer web request at a second website that is a subscriber of the electronic commerce apparatus 300. The electronic commerce apparatus 300 may thereupon generate a tailored promotion (assuming that the consumer has a cookie file). The electronic

commerce apparatus puts the cookie on the user's file and shares the cookie across websites.

In step 412, the electronic commerce apparatus 300 may generate a tailored promotion using preference information from the consumer's cookie file. The promotion may offer goods or services that the consumer is receptive to, based on the preference information.

In step 416, the electronic commerce apparatus 300 presents the tailored promotion to the consumer, at the second website. The second website is preferably a subscriber of the electronic commerce apparatus 300. The electronic commerce apparatus also stores results of the promotions for consumers, which information also can be used to tailor additional promotions.

FIG. 5 shows a flowchart 500 of a second embodiment of the method of the present invention. In step 503, the electronic commerce apparatus 300 stores a consumer identifier received from a cookie file. The cookie file may have been acquired through a web request from a consumer, may be obtained through a list purchase of cookie file information from a dealer in such information, or in other ways. The apparatus enables adaptive use of the collected data as time goes on, by analyzing the consumer's behavior as reflected in the data accumulated in the cookie files.

In step 507, the electronic commerce apparatus 300 stores a website identifier for each website visited by the consumer.

In step 513, the electronic commerce apparatus 300 stores a web pages visited information for all recorded web pages visited by the consumer at each website (i.e., each consumer may have visited multiple pages on a website and may have visited multiple websites).

In step 516, the electronic commerce apparatus 300 stores information regarding goods and services reviewed by the consumer. Additionally, the electronic commerce apparatus 300 may record statistics such as the time spent looking at a particular good or service, price range of reviewed product, type of reviewed product, etc.

In step 519, the electronic commerce apparatus 300 stores information regarding purchases of goods and services. The purchase information may be useful in predicting future purchases and may be useful in presenting tailored promotions.

In step 522, for a particular consumer, if more websites visited information exists, the method branches back to step 507. Else, the method proceeds to step 528.

In step 528, the method waits for a subscriber website to receive a web request. It should be understood that although steps 528-536 are shown as occurring after steps 503-522, steps 528-536 occur independently and may occur at any time in relation to steps 503-522. If a web request is received, the method proceeds to step 534, and the subscriber website sends to the electronic commerce apparatus the consumer ID of the requester.

In step 534, a tailored promotion is created from stored preference information (if any) of the consumer as indicated by the consumer ID transmitted to the electronic commerce apparatus by the website.

In step 536, the tailored promotion is transmitted by the electronic commerce apparatus to the subscriber website, where it is presented to the consumer at the subscriber website.

While the invention has been described in detail above, the invention is not intended to be limited to the specific embodiments as described. It is evident that those skilled in the art may now make numerous uses and modifications of and departures from the specific embodiments described herein without departing from the inventive concepts.

What is claimed is:

1. A computer-implemented electronic commerce apparatus for generating a tailored promotion to a consumer over a distributed communication network, comprising:

a connection to said distributed communication network; and

a consumer information storage, said consumer information storage including a consumer identifier storage for identifying individual consumers, at least one network site identifier for identifying a commercial site on said network, and including for each network site consumer identifier activity information pertaining to network sites accessed by said individual consumers and associated with individual consumers;

wherein said electronic commerce apparatus receives said activity information, stores said activity information in said consumer information storage by individual consumer, and uses said activity information to create a tailored promotion and to present said tailored promotion to said consumer at a particular network site upon said consumer's visit to a said network site.

2. The computer-implemented electronic commerce apparatus of claim 1, further including a database of promotions which are selected among in order to create said tailored promotion.

3. The computer-implemented electronic commerce apparatus of claim 1, further including a database of subscribers to said tailored promotion.

4. The computer-implemented electronic commerce apparatus of claim 3, wherein said particular network site is a subscriber and is listed in said database of subscribers.

5. The computer-implemented electronic commerce apparatus of claim 1, wherein said distributed communication network is the Internet.

6. The computer-implemented electronic commerce apparatus of claim 1, wherein said activity information is obtained from a cookie file stored on said consumer's computer.

7. The computer-implemented electronic commerce apparatus of claim 1, wherein said activity information includes a pages visited information.

8. The computer-implemented electronic commerce apparatus of claim 1, wherein said activity information includes a products and services reviewed information.

9. The computer-implemented electronic commerce apparatus of claim 1, wherein said activity information includes a purchases made information.

10. The computer-implemented electronic commerce apparatus of claim 1, wherein said electronic commerce apparatus receives said activity information from a consumer's computer upon a visit by said consumer to a first network site.

11. A computer-implemented electronic commerce method for generating a tailored promotion to a consumer over a distributed communication network, comprising the steps of:

obtaining an activity information of a consumer when said consumer visits a first network site;

storing consumer preference information contained in said activity information;

receiving a consumer web request for access to a second network site;

creating a tailored promotion for said consumer from said preference information; and

presenting said tailored promotion to said consumer at said second network site.

12. The computer-implemented electronic commerce method of claim 11, wherein said activity information is obtained from a cookie file stored on said consumer's computer.

13. The computer-implemented electronic commerce method of claim 11, wherein said second network site is a subscriber to said computer-implemented electronic commerce method.

14. The computer-implemented electronic commerce method of claim 11, wherein said storing step further includes the steps of:

storing a consumer identifier;

storing a network site identifier for a website stored in said cookie file;

storing a pages visited information for said network site;

storing a products reviewed information for said network site; and

storing a purchases made information for said network site.

15. The computer-implemented electronic commerce method of claim 11, wherein said distributed communication network is the Internet.

16. A computer-implemented electronic commerce method for generating a tailored promotion to a consumer over a distributed communication network, comprising the steps of:

storing a consumer identifier contained in an activity information of said consumer;

storing a network site identifier for each network site stored in said activity information;

storing a pages visited information, if any, for said each network site;

storing a products reviewed information, if any, for said each network site;

storing a purchases made information, if any, for said each network site;

receiving a consumer request for a particular network site;

creating a tailored promotion for said consumer from said preference information; and

presenting said tailored promotion to said consumer at said particular network site.

17. The computer-implemented electronic commerce method of claim 16, further including the preliminary step of obtaining an activity information of a consumer when said consumer visits a first network site.

18. The computer-implemented electronic commerce method of claim 16, wherein said activity information is obtained from a cookie file stored on said consumer's computer.

19. The computer-implemented electronic commerce method of claim 16, wherein said activity information is purchased.

20. The computer-implemented electronic commerce method of claim 16, wherein said second website is a subscriber to said computer-implemented electronic commerce method.

21. The computer-implemented electronic commerce method of claim 16, wherein said distributed communication network is the Internet.

ABSTRACT OF THE DISCLOSURE

A computer-implemented electronic commerce apparatus and method is provided. The apparatus includes a connection to the distributed communication network and a consumer information storage, the consumer information storage including a consumer identifier storage, at least one site identifier, and including for each site a consumer identifier activity information pertaining to visited websites, wherein the electronic commerce apparatus receives the activity information, stores the activity information in the consumer information storage, and uses the activity information to create a tailored promotion and to present the tailored promotion to the consumer upon the consumer's visit to a second website. One embodiment of the method includes the steps of obtaining an activity information of a consumer when the consumer visits a first website, storing consumer preference information contained in the activity information, receiving a consumer web request for a second website, creating a tailored promotion for the consumer from the preference information, and presenting the tailored promotion to the consumer at the second website.

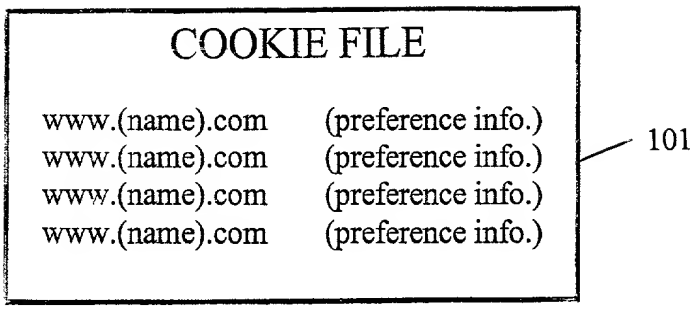

FIG. 1

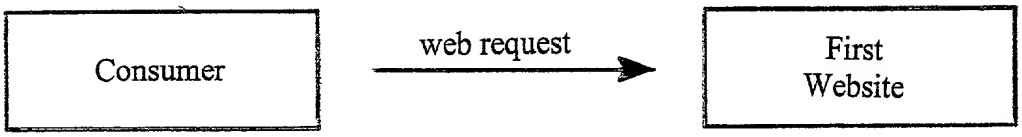

FIG. 2A

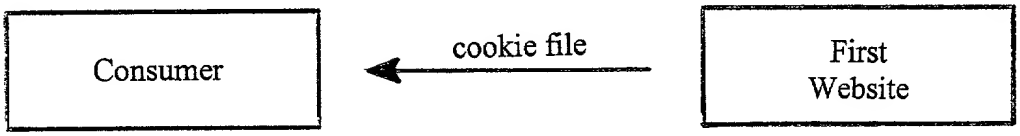

FIG. 2B

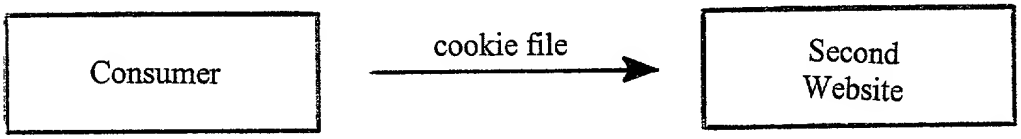

FIG. 2C

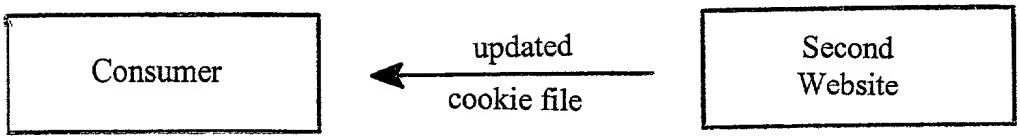

FIG. 2D

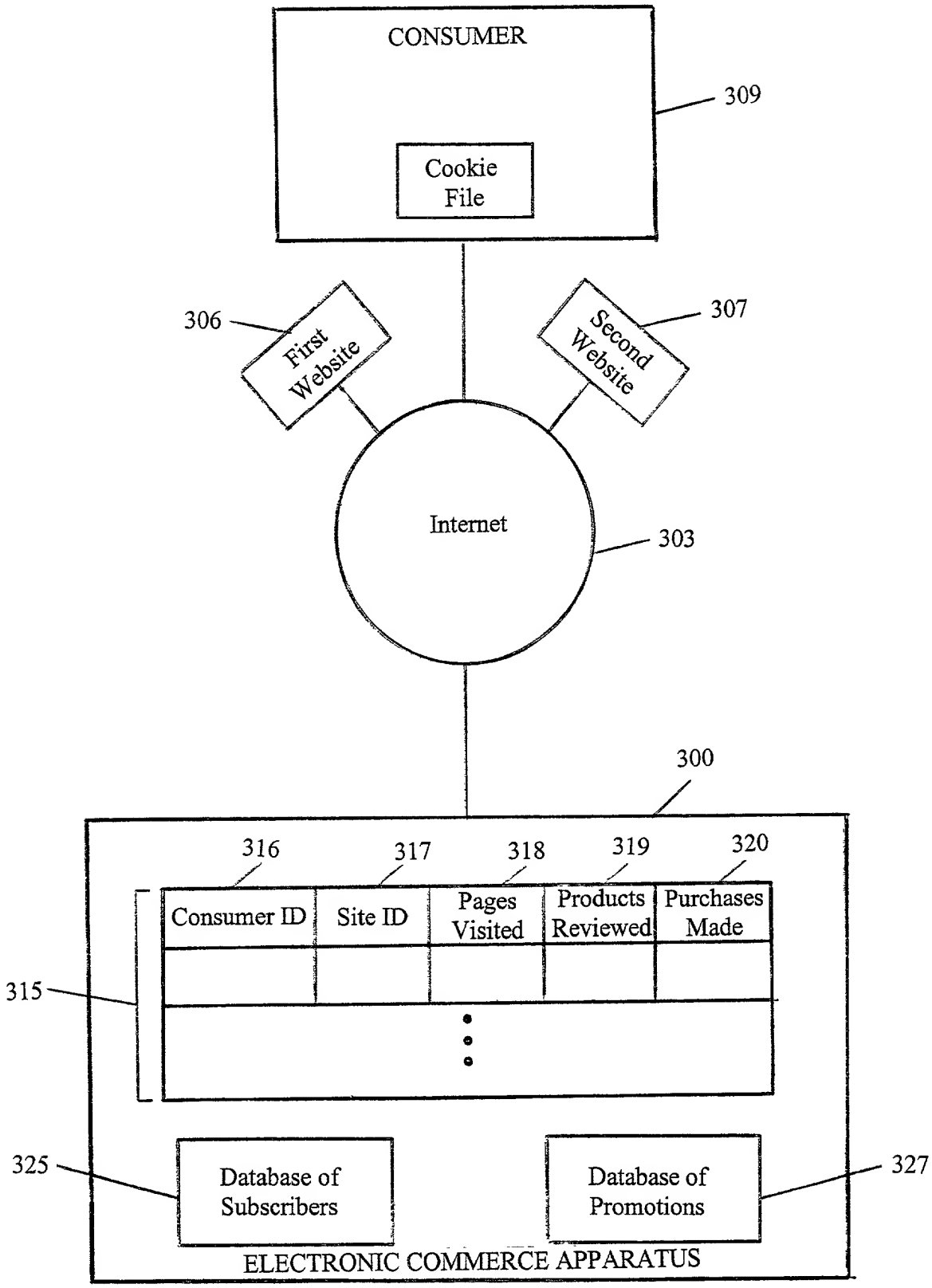
CONSUMER
309
Cookie File
306
First Website
307
Second Website
Internet
303
300
316
317
318
319
320
Consumer ID
Site ID
Pages Visited
Products Reviewed
Purchases Made
315
325
Database of Subscribers
Database of Promotions
327
ELECTRONIC COMMERCE APPARATUS

FIG. 3

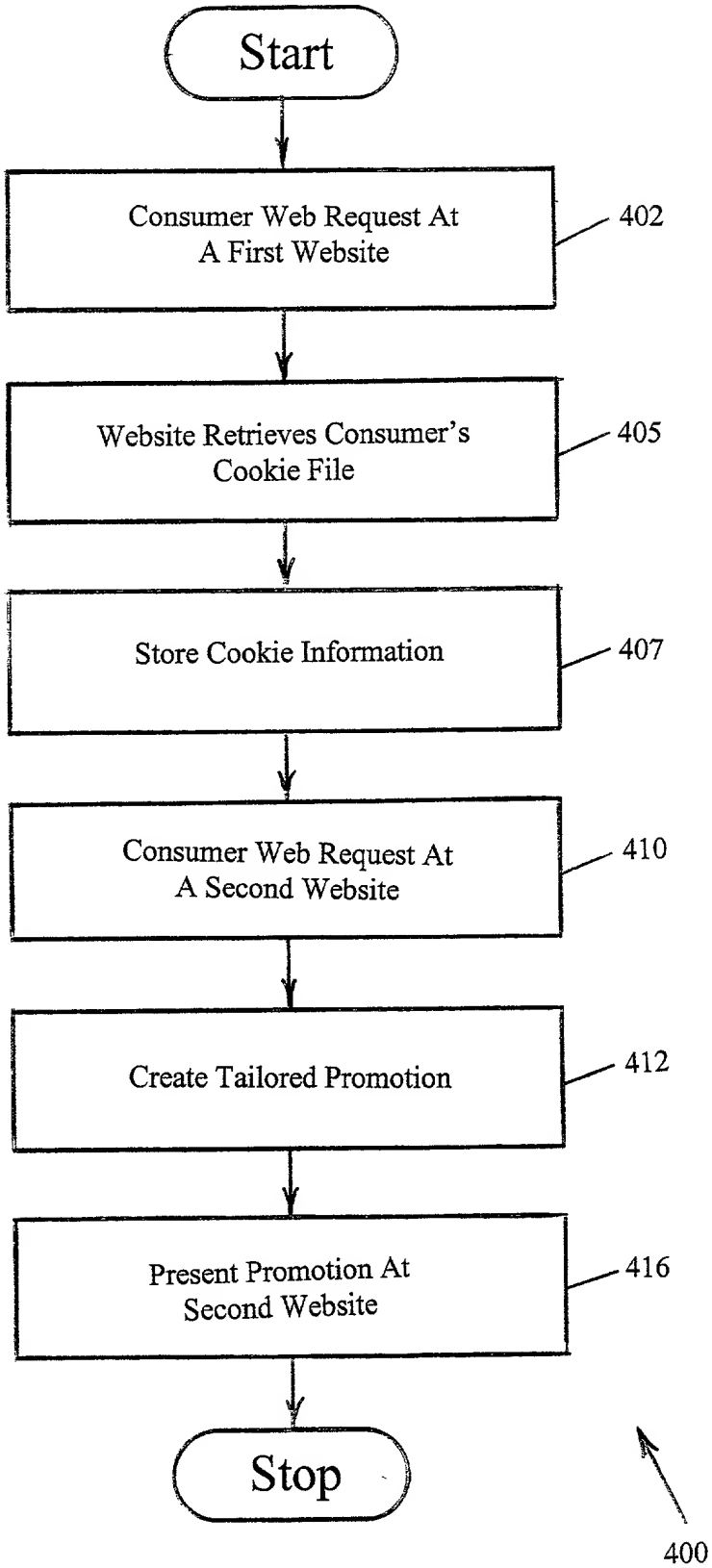
Start
Consumer Web Request At A First Website
402
Website Retrieves Consumer's Cookie File
405
Store Cookie Information
407
Consumer Web Request At A Second Website
410
Create Tailored Promotion
412
Present Promotion At Second Website
416
Stop
400

FIG. 4

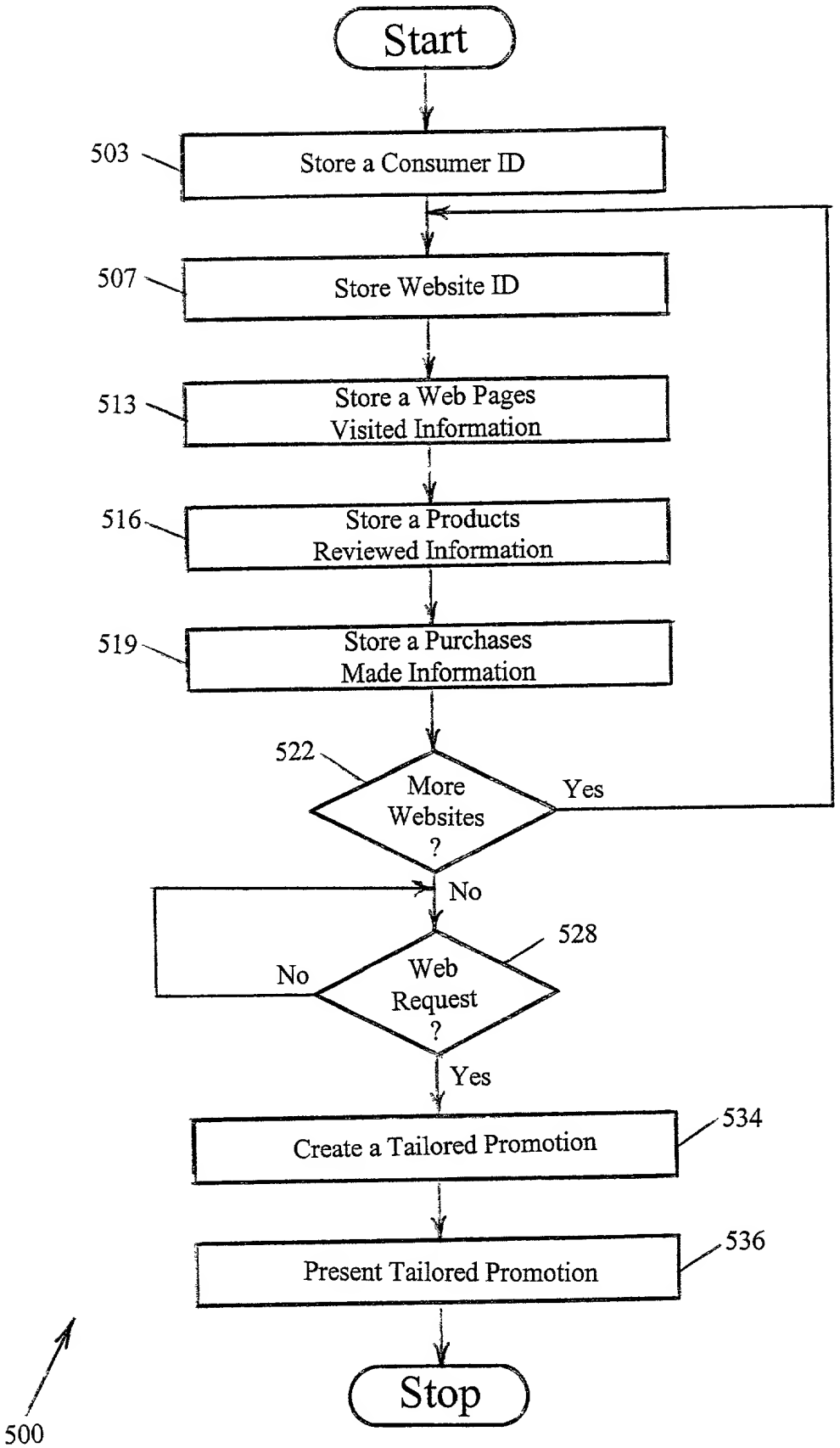
Start
503
Store a Consumer ID
507
Store Website ID
513
Store a Web Pages Visited Information
516
Store a Products Reviewed Information
519
Store a Purchases Made Information
522
More Websites ?
Yes
No
528
Web Request ?
No
Yes
534
Create a Tailored Promotion
536
Present Tailored Promotion
Stop
500

FIG. 5

Docket No. 2470-105

Declaration and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought, on the invention entitled COMPUTER-IMPLEMENTED APPARATUS AND METHOD FOR GENERATING A TAILORED PROMOTION, the specification of which

[X] is attached hereto.
[ ] was filed on _____
Application Serial No. _____
and was amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

_____ (Number)	_____ (Country)	_____ (Day/Month/Year)	Priority Claimed [ ] Yes	[ ] No

Prior Foreign Application(s)

_____ (Number)	_____ (Country)	_____ (Day/Month/Year)	Priority Claimed [ ] Yes	[ ] No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status)
(Application Serial No.)	(Filing Date)	(Status)

I or we hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed to ROTHWELL, FIGG, ERNST & KURZ, p.c., Suite 701-E, 555 13th Street, N.W., Washington, D.C. 20004:

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine

States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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